

IN THE CLAIMS

1. (Currently Amended) Tower (4) for a wind turbine (1) ~~wherein the tower (4) has~~
having an exterior side (4') and an interior side, (4'') ~~and~~

~~wherein~~ the tower is at least partly ~~composed of~~ comprising prefabricated metal wall
parts, (5)

wherein each wall part comprises an essentially quadrangular portion (6) having an
outwardly facing surface (7) in the direction of the exterior of the tower and an inwardly facing
surface (8) in the direction of the interior of the tower,

said portion having a top edge (9), a bottom edge (10), a first side edge (11) and a second
side edge (12),

wherein the first side edge (11) is provided with a first flange (13) along at least part of
the length of the first side edge, (11) and

wherein the second side edge (12) is provided with a second flange (14) along at least
part of the length of the second side edge (12).

2. (Currently Amended) Tower (4) for ~~[[a]]~~ the wind turbine (1) according to claim
1, wherein the first flanges (13) and the second flanges (14) of the prefabricated metal wall parts
(5) extend towards the interior side (4'') of the tower.

3. (Currently Amended) Tower (4) for ~~[[a]]~~ the wind turbine (1) according to claim
1 ~~or 2~~, wherein each of the prefabricated metal wall parts (5) have a height and a width, and
wherein at least two of the prefabricated metal wall parts (5) have a height which is at least about
2.5 times larger than the width of the bottom edge (10), ~~preferably more than five times larger,~~

~~more preferably more than 10 times larger.~~

4. (Currently Amended) Tower (4) for ~~[[a]]~~ the wind turbine (1) according to ~~any one of claims 1 to 3~~ claim 1, wherein the first flange (13) of a said prefabricated metal wall part (5) is attached to the second flange (14) of an adjacent said prefabricated metal wall part (5) by fastening means (17), ~~wherein preferably the fastening means (17) comprise nuts and bolts.~~

5. (Currently Amended) Tower (4) for ~~[[a]]~~ the wind turbine (1) according to ~~any one of claims 1 to 5~~ claim 1,

wherein the essentially quadrangular portion (6) of the prefabricated metal wall parts (5) is ~~preferably~~ essentially rectangular wherein the length of the first side edge (11) is approximately equal to the length of the second side edge (12) and wherein the bottom edge (10) is approximately equal to the length of the top edge (9), or

wherein the essentially quadrangular portion (6) of the prefabricated metal wall parts (5) is essentially trapezoidal wherein the length of the first side edge (11) is approximately equal to the length of the second side edge (12) and wherein the bottom edge (10) is longer than the top edge (9).

6. (Currently Amended) Tower (4) for ~~[[a]]~~ the wind turbine (1) according to ~~any one of claims 1 to 5~~ claim 1, wherein the tower (4) has an essentially annular, ~~preferably~~ ~~essentially circular~~ horizontal cross-section.

7. (Currently Amended) Tower (4) for ~~[[a]]~~ the wind turbine (1) according to ~~any one of claims 1 to 6~~ claim 1, wherein the essentially quadrangular portion (6) of the respective prefabricated metal wall parts (5) are curved.

8. (Currently Amended) Tower (4) for ~~[[a]]~~ the wind turbine (1) according to ~~any~~

~~one of claims 1 to 6~~ claim 1, wherein the essentially quadrangular portion (6) of the respective prefabricated metal wall part (5) is essentially flat, ~~and wherein preferably the essentially quadrangular portion (6) of the prefabricated metal wall part (5) also comprises at least one kink essentially in the direction between the bottom edge (10) and the top edge (9) of the prefabricated metal wall part (5).~~

9. (Currently Amended) Tower (4) for ~~[[a]]~~ the wind turbine (1) according to ~~any one of claims 1 to 8~~ claim 1, wherein the first flange (13) is provided with an additional first flange (15) and/or wherein the second flange (14) is provided with ~~[[a]]~~ an additional second flange (16).

10. (Currently Amended) Tower (4) for ~~[[a]]~~ the wind turbine (1) according to ~~any one of claims 1 to 8~~ claim 1, wherein the first flanges (13) and/or the second flanges (14) are at least partly folded back towards the inwardly facing surface (8) of the essentially quadrangular portion (6) of the prefabricated metal wall part (5) for at least partly doubling the thickness of the first flanges (13) and/or second flanges (14).

11. (Currently Amended) Tower (4) for ~~[[a]]~~ the wind turbine (1) according to ~~any one of claims 1 to 10~~ claim 1, wherein the prefabricated metal wall parts (5) are steel parts; ~~preferably high strength steel parts.~~

12. (Currently Amended) Tower (4) for ~~[[a]]~~ the wind turbine (1) according to ~~any one of claims 1 to 11~~ claim 1, wherein the first flange (13) of at least one said prefabricated metal wall part (5) is vertically staggeredly attached to the second flange (14) of an adjacent said prefabricated metal wall part (5) by fastening means (17), ~~preferably wherein more than half of the adjacently positioned prefabricated metal wall parts (5) are attached vertically staggeredly.~~

13. (Currently Amended) Tower (4) for [[a]] the wind turbine (1) according to ~~any one of claims 1 to 12~~ claim 1, wherein the circumference of the tower consists of n adjacently positioned prefabricated metal wall parts, wherein the angle between the first flange (13) and the second flange (14) is $360/n$.

14. (Currently Amended) Tower (4) for [[a]] the wind turbine (1) according to ~~any one of claims 1 to 13~~ claim 1, wherein the tower is provided with stiffening means, ~~such as one or more preferably substantially horizontal stiffening rings.~~

15. (Currently Amended) Prefabricated metal wall part, (5) for use in a tower (4) for a wind turbine at least partly composed of a plurality of said prefabricated metal wall parts, comprising:

~~(1) according to any of the claims 1-14 characterised in that the prefabricated metal wall part (5) comprises~~ an essentially quadrangular portion (6) having an outwardly facing surface (7) and an inwardly facing surface (8),

said portion (6) having a top edge (9), a bottom edge (10), a first side edge (11) and a second side edge (12),

wherein the first side edge (11) is provided with a first flange (13) along at least part of the length of the first side edge, (11) and

wherein the second side edge (12) is provided with a second flange (14) along at least part of the length of the second side edge (12).

16. (Currently Amended) Method for constructing a tower (4) for a wind turbine (1) according to ~~any of the preceding claims~~ claim 1 ~~wherein the tower (4) is at least partly composed of~~ said prefabricated metal wall parts, (5) according to claim 15 comprising attaching

one said prefabricated metal wall part to an adjacent said prefabricated wall part.

17. (New) Tower for the wind turbine according to claim 1, wherein each of the prefabricated metal wall parts have a height and a width, and wherein at least two of the prefabricated metal wall parts have a height which is more than five times larger than the width of the bottom edge.

18. (New) Tower for the wind turbine according to claim 1, wherein each of the prefabricated metal wall parts have a height and a width, and wherein at least two of the prefabricated metal wall parts have a height which is more than ten times larger than the width of the bottom edge.

19. (New) Tower for the wind turbine according to claim 1, wherein the first flange of a said prefabricated metal wall part is attached to the second flange of an said adjacent prefabricated metal wall part by fastening means comprising nuts and bolts.

20. (New) Tower for the wind turbine according to claim 1, wherein the tower has an essentially circular horizontal cross-section.

21. (New) Tower for the wind turbine according to claim 1, wherein the essentially quadrangular portion of the respective prefabricated metal wall part is essentially flat, and wherein the essentially quadrangular portion of the respective prefabricated metal wall part also comprises at least one kink essentially in the direction between the bottom edge and the top edge of the prefabricated metal wall part.

22. (New) Tower for the wind turbine according to claim 1, wherein the prefabricated metal wall parts are high strength steel parts.

23. (New) Tower for the wind turbine according to claim 1, wherein the first flange of

at least one said prefabricated metal wall part is vertically staggeredly attached to the second flange of an adjacent said prefabricated metal wall part by fastening means, wherein more than half of the adjacently positioned prefabricated metal wall parts are attached vertically staggeredly.

24. (Currently Amended) Tower for the wind turbine according to claim 1, wherein the tower is provided with stiffening means comprising one or more stiffening rings.

25. (Currently Amended) Tower for the wind turbine according to claim 1, wherein the tower is provided with stiffening means comprising one or more substantially horizontal stiffening rings.